

ATF Research Seeks Device to Detect Explosive Materials

Terrorism, a subject uppermost in the minds of most people these days, is at the center of a project now being conducted by researchers in the Chemistry Department.

Profs. Chien-Chung Chen and William Bannister are principal investigator and co-principal investigator respectively on a \$2 million contract to develop an explosive detection device. Specifically, the 18-month contract, awarded last June by the Bureau of Alcohol, Tobacco and Firearms, is for "Research, Development and Demonstration of Exothermal Explosive Detection System Based on Micro Thermal Analysis."

In layman's terms, Chen says the objective is to develop the device "using tiny sensors and basic principles."

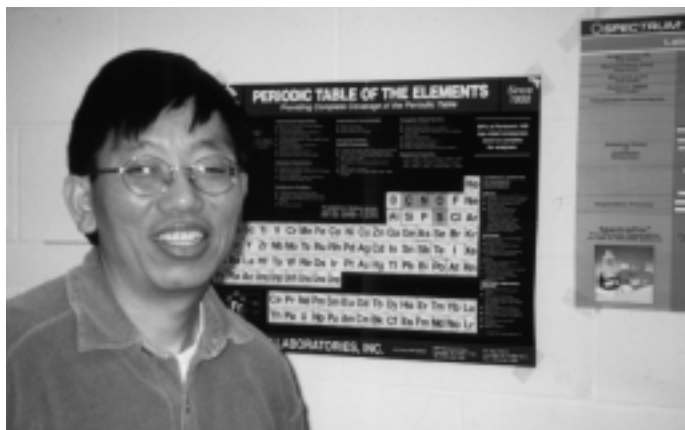
The final product could stand alone or be integrated into existing devices, such as the metal detectors that now guard the entrances to airport gates, federal buildings and other public places.

A stand-alone unit could be hand-held. Using a vacuum wand, it would collect minute particles from luggage, clothing or skin and pass them through a sensor that could detect the presence of explosive material.

It would be, says Chen, "very sensitive."

Subcontracting work on the project is being conducted at the University of Lancaster in England, the University of Wisconsin, a company called ProTech in Orlando, Fla., and AST Products of Billerica.

This area of inquiry is not new for Bannister and the department. Past and present activities have included research on fire prevention and mitigation; characterization of explosives,



▲ Prof. Chien-Chung (Jack) Chen

with an emphasis on terrorist activities; detection of explosives for anti-terrorist operations in airport security; and identification of illicit explosives.

A group of researchers in the Chemistry Department and the Department of Chemical and Nuclear Engineering recently applied to the Committee of Federated Centers and Institutes (CFCI) for approval of a Fire and Energetic Materials Research Center.

—JMcD

Online M.Ed. Success Due to Careful Planning, Outstanding Faculty

Less than a year since the online master's degree in educational administration was launched, it is being touted as a success. More than 80 students are enrolled this semester in the four courses available, not including an additional 26 students from the Lawrence School system in the Lawrence Leadership Program.

And while the majority of students are still in-state, there is a steady increase in the number of students from other parts of the country such as California, Mississippi and Ohio.

Dean Jacqueline Moloney says the program, developed by the Division of Continuing Studies and Corporate Education (CSCE) and the Graduate School of Education (GSE), is "a good example of how, when a team of people work together, the payoff is tremendous."

UMass Lowell's first online graduate degree program is the result of over a year of planning and is designed to enable students to be certified as principals. Courses include "Principalship K-12," "Theory and Research in Curriculum" and "Practicum in School Leadership." Students may take up to four courses on a non-matriculated basis before applying for admission to the degree program.

"The success of the online program, I believe, is due to the convenience of flexible time, satisfaction with the initial experience and responding to a need to prepare more candidates for administrative openings," said Dean Donald Pierson, GSE.

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Commencement Scheduled for June 2

Commencement ceremonies for UMass Lowell will take place from 10 a.m. to noon on Sunday, June 2, at Tsongas Arena.

The Lowell campus will celebrate several firsts among the 1,500 bachelors', masters', and doctoral degrees expected to be awarded that day. The first three degrees earned in an all-online program, a bachelors in information technology, will be awarded, as will the first Ph.D. in chemistry in a program jointly supported by the Lowell and Dartmouth campuses.

The Commencement ceremony will also include recognition of students for academic excellence and University service. The valedictorian for the class of 2002 will be named, along with recipients of the Chancellor's Medal for Distinguished Academic Achievement. Receptions for

each college will be held in locations on the arena grounds following the University-wide ceremony.

This year's honorary degree recipients are Joseph C. Day, '66, president and CEO of Freudenberg-NOK; Laurie Garrett, an award-winning science journalist and author; Arthur Levine, president and Professor of Education at Teachers College, Columbia University; and Gordon B. Lankton, president of Nypro, Inc. Dr. Levine will deliver the commencement address.

The Distinguished Alumni Award, which acknowledges professional and public service contributions by University alumni, will, for the first time, be given to a couple: Jacqueline and Charles Puliafico.

Joseph Day graduated from Lowell Technological Institute with a

degree in plastics engineering in 1966. He has been a leading proponent of lean manufacturing in the automotive industry and, as president of Freudenberg-NOK since 1989, developed the company's innovative and successful GROWTH (Get Rid of Waste Through Team Harmony) program. In recognition of his contributions in manufacturing, Mr. Day was awarded the Shien-Ming Wu Foundation's Manufacturing Leadership Award in 1999. He has been responsible for setting up a Freudenberg-NOK Professorship in the Plastics Engineering Department, and a scholar-intern program to encourage more students from New Hampshire to pursue careers in plastics engineering.

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Take Note

April 24 Fair Showcases New Technologies

Faculty and staff are invited to attend a Technology Fair from 10:30 a.m. to 1:30 p.m. on Wednesday, April 24, in Cumnock Hall. Various hardware and software vendors will be showcasing new technology, and University faculty will be demonstrating the technologies they now use in the classroom. Presentations will be given every half hour. Lunch will be served. The fair, sponsored by the Teaching with Technology Task Force of the Council on Teaching, Learning, and Research as Scholarship, has been organized by co-chairs Prof. Aram Karakashian, physics; Michael Lucas, coordinator of Distance Learning for the Center for Field Services and Studies; and David Driscoll, associate director of Educational Computing, Centers for Learning; and Sheila Riley-Callahan, executive director of Academic Services, Centers for Learning.

UMass Bioinformatics Conference Will Explore Industry Partnerships

The second annual Bioinformatics Conference of the University of Massachusetts will be held May 2-3, in the MIL Conference Room at the Wannalancit Mill.

According to conference committee chairs, Asst. Prof. James Lyons-Weiler, biological sciences, and Prof. Georges Grinstein, computer science—the goal of this second conference will be to foster university-industry relations in bioinformatics and cheminformatics.

Says Lyons-Weiler, “Many of the presentations will be about advances in the analysis of micro-array gene expression data.”

Industry representatives will have display booths at the conference. These include Pfizer and Anvil Informatics, both conference sponsors, and Sun Microsystems.

The keynote speakers are prominent in the rapidly burgeoning discipline of bioinformatics. Dr. James Cassatt, Ph.D., is director of the Division of Cell Biology and Biophysics in the National Institute of General Medical Sciences at the National Institutes of Health, and a member of Bioinformatics Development Committee. Dr. Phil Reilly, M.D., J.D., is the CEO of Interleukin Genetics Incorporated.

The winner of a student research competition will receive the Massachusetts Bioinformatics Student of the Year award, presented at the conference.

Registration information is available on the Web at www.cs.uml.edu/bioinformatics/2002conference.

Kristine Stotz Langdon, High Tech Consultant, Will Speak April 22

Kristine Stotz Langdon, a consultant with Spencer Stuart, will speak at the final Senior Executive Forum on April 22. The Forum is sponsored jointly by the Francis College of Engineering and the College of Management.

Langdon will discuss career management for individuals with technical backgrounds. She says, “My purpose is to highlight the diversity of opportunities that are accessible with a basis in a technical discipline. Also, I will give some advice on recommended career paths, given my perspective in my current role in executive search, but also as a former CEO [of Thermo Vision Corporation] and current board member of fast paced technology driven companies.”

Langdon began her career at Raytheon and has been a White House Fellow serving the National Security Council and the General Accounting Office. She holds a master’s in electrical engineering from Northeastern University and an M.B.A. from Harvard Business School.

The Forum is held in Kitson 309. Light refreshments are served at 1 p.m.; the program opens at 1:30 p.m. and is followed by a question and answer period.

Engineering Holds Annual Alumni Awards Dinner

A mix of nostalgia and enthusiasm will prevail at the annual alumni awards program of the Francis College of Engineering, on Thursday, May 2, at the Radisson Hotel in Chelmsford. Award recipients this year are Prof. Emeritus Zelman Kamien, former chair of mechanical engineering; Prof. Emeritus William Flood, former chair of chemical and nuclear engineering; Prof. Donald Leitch of civil and environmental engineering; Richard Pierro, 1983 graduate in chemical engineering; William Hellmuth, 1977 graduate in plastics engineering; Rick Hess, president of M/A-COM; and Joseph Flannery, 1953 graduate in textile chemistry.

A display of memorabilia will recall the days of Lowell Textile and Lowell Tech. Dinner is \$35 per person; reserve with Pamela Jahngen-Provençal at ext. 2571.



▲ Prof. Donald Leitch

UMass Lowell Research Day is April 25

Combining the fifth annual Student Research Symposium with the third annual Excellence in Research Day, April 25 has been set aside for special events that honor faculty and student research efforts, and designated the UMass Lowell Research Day.

Excellence in Research Day has been sponsored by the Research Foundation to recognize faculty who enrich the teaching and public service missions of the University. An awards reception will be held at 3 p.m. in Alumni Hall.

The Student Research Symposium has been sponsored by the Council on Teaching, Learning, and Research as Scholarship to showcase the research activities of students. The student poster presentations will be held in Cumnock Hall, 11 a.m. - 2 p.m.

World Asthma Day May 7

The Department of Nursing will sponsor a World Asthma Day exhibition from 9:30 a.m. to 12:30 p.m. on Tuesday, May 7, in the MIL Conference Room in Wannalancit. Coordinated by a group of senior nursing students, the event is intended to increase awareness of the risk factors, prevention, and environmental triggers for this chronic disease. Exhibitors will include educators, health care providers and representatives of public agencies. Preceding the exhibition, researchers will discuss state-funded research on the relationship between housing and the incidence of asthma.

With New Technology, Professors Benefit from Tutors’ Findings

For a struggling student, an hour spent with a tutor is a chance to dictate the curriculum, a quiet session to comb slowly through the tangles that can gather during a week of class discussion. Helpful though they are, however, extra-help sessions outside of class do nothing to help professors learn which lessons are giving their students the most trouble, and which are working.

Members of the Centers for Learning have developed a solution to that problem, a device that reports to the department which subjects most often come up in tutoring sessions. When it comes time to improve the curriculum, those data will show professors where students are getting lost—where to slow their lessons down and elaborate.

“The program gives support for students having difficulty, and offers information to the department on how to improve, alter or supplement the curriculum down the road,” says William Pero, coordinator of the tutoring program in the Centers for Learning.

The program began in late March with students and tutors in the Physics Department. After each meeting with a student, physics tutors will log on to a specially-designed e-mail account and report which areas the student asked to focus on. The messages will go either to Prof. Aram Karakashian or Prof. Gus Couchell, depending on what level the student is studying. Couchell and Karakashian will then track the most common problems and report the results to other faculty.

If successful, Pero says, the program could be introduced into other UMass Lowell departments, beginning with Chemistry.

Gavarini Gives Object Lesson in Art

◀ Prof. Jehanne-Marie Gavarini of the Art Department describes her artwork at a Salon, a faculty colloquium in the Fine Arts, Humanities and the Social Sciences. Through the use of commonplace items, such as a loaf of bread or a piece of hardware, she explores issues of gender, sexuality and desire in her art.



Workers' Memorial Day Award Will Honor Former Union Leader Mazzocchi

Tony Mazzocchi, former vice president of the Oil, Chemical and Atomic Workers (OCAW) union, will receive a special award as a man of insight and action on behalf of worker health and safety at UMass Lowell's commemoration of Workers' Memorial Day. The event will be held on Wednesday, May 1, starting with a free luncheon at 12:15 p.m. in Coburn Hall on South Campus. The award will be presented to Mazzocchi at 1:15 p.m.

The ceremony will include a reading of the names of Massachusetts workers who died during the last year from work-related causes.

This is the 14th year in which the University has presented awards to mark the observance of Workers' Memorial Day, which was instituted nationally in 1989 by the AFL-CIO to remember the tolls in life and health taken by work. An estimated 60,000 workers die from accidents and illnesses on the job every year and six million more are injured in on-the-job accidents.

UMass Lowell ordinarily presents two awards on this occasion: one to a workplace health and safety professional and one to a worker who has been a health and safety activist at his or her place of employment. But this year, the committee decided to present only the special award to Mazzocchi, "one of the labor movement's remarkable leaders ... [and] a leading visionary and strategist on workplace health and safety."

Mazzocchi was an architect of the U.S. Occupational Safety and Health Act in 1970, helped get it

passed, and then filed the first complaint under the new law. He also formed alliances with scientists to expose the unacknowledged dangers of chemicals on the shop floor and recruited occupational medicine students to work as interns at his union, which helped influence union practices in support of workers. Under the federal Superfund Worker Training Program, he shepherded the OCAW to develop unique approaches to workplace health and safety training.

One of Mazzocchi's more innovative strategies has been to promote a "Just Transition" for workers displaced by a changeover to a less toxic economy. His latest commitment is to building the Labor Party because, he believes, "Movement building is the most important thing," and the existing dominant political parties "are too responsive, mostly, to the corporate agenda."

The sponsors of the event this year are the Center for Public Health Research and Health Promotion; the Department of Work Environment; Department of Regional Economic and Social Development; the Labor Extension Program; the Center for Family, Work and Community; the Center for Women and Work; and the Lowell Center for Sustainable Production.

A reservation is necessary to attend the luncheon; please call Judy Martineau at Ext. 3257 to confirm.

To Copy or Not to Copy, That Is the Question

Pinned to a bulletin board on the main floor of Coburn Hall is a copy of a page from the Feb. 4 issue of Time magazine in which historian Doris Kearns Goodwin explains her failure to attribute certain passages in one of her books to the work of another author.

Other documents on the same board refer to similar troubles faced by writer Stephen Ambrose and others—not all historians.

Titled, "To Copy or Not to Copy: Plagiarism and History," the exhibit was created by Asst. Prof. Chris Carlsmith of the History Department with assistance from Reference Librarian Ron Karr and Barbara McCahill of the History Department.

Carlsmith says he created the display to call attention to the recent high profile plagiarism allegations in the media, and to enlighten students who might experience similar prob-

lems with their own research—especially when that work is done on the Internet. One whole section of the display explains how to conduct research online and how to document sources.

"The issue of attribution probably exists at every university," Carlsmith says. "The Internet has changed the whole concept of what it means to do research. It's very easy today for a student to simply cut and paste material. But attribution standards should remain the same."

And, he adds, while good Web organizations will identify their sources, there is a lot of un-attributed material out there.

"The advent of the Internet is transforming education in fundamental ways," he says. "The proliferation of online term paper sites and the ease of downloading them and the lack of clear standards for citing Web sources contribute to uncertainty regarding plagiarism and all this opens a window that didn't previously exist."

"This is a new reality and we have to deal with it."

Carlsmith is putting together a workshop on plagiarism that he hopes to offer to faculty members in the near future. Modeled on one that has been offered at UMass Boston, it would educate faculty regarding the perils of plagiarism in an online world, and suggest ways to detect and prevent it.



▲ Asst. Prof. Chris Carlsmith

UMass Lowell Researchers Share Key Data on the Value of Warm-up Exercise

Physical Therapy Professor Joyce White, in tandem with three graduate-student associates from that department—Kerin McLoughlin, Coleen DeCotret, and Jessica Bouffard—presented a research report at the American Physical Therapy Association Feb. 22 that added further weight to the argument for muscle stretching prior to exercise.

The paper, "Effects of Warm-up and Stretching on a High School Football Team," reported the incidence of injuries to a local team over a six-year period. A structured five-minute

warm-up followed by eight minutes of stretching, according to the report, resulted in a "significant reduction" in musculoskeletal injuries.

Inasmuch as football is the sport with the highest injury rate among high school athletes, the finding of the UMass Lowell group would seem to promise significant implications in the study of preventative exercise.

More than 5,000 physical therapists attended the annual conference, which was held in Boston in late February.



College of Engineering Hosts Job Fair

▲ Thirteen area companies and more than 300 students took part in a Scholar Interns Co-Op Job Fair, sponsored by the Francis College of Engineering last month in Weed Hall. Among the corporate participants were these recruiters from Analog Devices.

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Commencement Scheduled for June 2

As a science journalist and author, Laurie Garrett's leadership in the fight against worldwide health epidemics such as AIDS, Ebola, and the pneumonic plague earned her the distinction of being the first author to receive all three of journalism's most prestigious awards: the Pulitzer, the Polk, and the Peabody. She received an undergraduate degree in biology from the University of California-Santa Cruz and studied bacteriology and immunology at the University of California-Berkeley and Stanford University. In her work for National Public Radio and Newsday, she received numerous awards, including the National Press Club's Best Consumer Journalist, 1982; the World Hunger Alliance first prize for radio, 1987; the Bob Considine Award of the Overseas Press Club of America, 1995; and Newsday's Publisher's Award for Best Beat Reporter in 1990. The books she has authored include her latest, "Betrayal of Trust," and "The Coming Plague," which won her the Pulitzer prize.

Arthur Levine is president and professor of education at Teachers College, Columbia University. He received his bachelor's degree from Brandeis University and his Ph.D.

from the State University of New York-Buffalo. Prior to joining Teachers College, he served at the Harvard Graduate School of Education as chair of the Higher Education Program and chair of the Institute for Educational Management. He served from 1982 to 1989 as president of Bradford University and from 1975 to 1982 as Senior Fellow at Carnegie Foundation and Carnegie Council for Policy Studies in Higher Education. His numerous books include his most recent, "When Hope and Fear Collide: A Portrait of Today's College Students." He has received a Guggenheim Fellowship, the American Council on Education's Book of the Year award in 1974 and the Educational Press Association's Award for writing in 1981 and 1989.

Gordon Lankton has been president of Nypro Inc. for 28 years, during which time the Clinton-based plastics manufacturer grew from one plant in Puerto Rico to 24 locations worldwide with an estimated value in excess of \$500 million. During his tenure as general manager and president, Nypro championed high quality and customer service through the development of new standards, technologies, and business practices. In

2000, Mr. Lankton conveyed ownership of Nypro to 2,500 of its U.S. employees rather than selling it to a larger firm or investment bank. A 1954 graduate of Cornell University's engineering program, Mr. Lankton's most recent awards include being named 1999 International Businessperson of the Year by The Society of the Plastics Industry, Inc.'s International Trade Advisory Committee, and his 2000 induction into the Plastics Hall of Fame.

Since graduating from State Teacher's College is Lowell in 1942, Jacqueline Puliafico has dedicated herself to music education. During her 20-year teaching career she directed the music education of the youth in Webster as superintendent for the schools' music programs and choir director of the Bartlett High School. Since retiring, she has conducted music performance classes and written and directed musicals and

fundraisers. Her service to the Webster schools was recognized when the town named the auditorium of the high school in her honor. Mrs. Puliafico is now director of St. Joseph's Basilica choir, which recently performed before Pope John Paul II and more than 50,000 visitors in St. Peter's Square, the Vatican.

Charles Puliafico received his bachelor's degree in textile chemistry from Lowell Textile Institute



▲ Joseph C. Day



▲ Laurie Garrett

in 1944. He is founder and former president of Dudley-based Webco Chemical Corp., a manufacturer of specialty chemicals. He has been an active member of the business community, chairing the Massachusetts Small Business Advisory Council and serving as president of the Webster Dudley Chamber of Commerce. He has been a member of the Board of Overseers at Old Sturbridge Village and president of Hubbard Regional Hospital in Webster. At the Lowell campus, Mr. Puliafico was a founding member of the University's Athletic Scholarship Development Committee.

Jacqueline and Charles Puliafico are longtime supporters of UMass Lowell. Together, they created five scholarships: the Eugene and Ida May Leboeuf Memorial Scholarships, the Tindaro and Carmela Puliafico Memorial Scholarships, the Jacqueline Leboeuf Puliafico Scholarships, the Charles R. Puliafico Scholarships and the Jacqueline and Chales Puliafico Scholarships. Scholarships benefit student athletes and students in nursing, music, chemistry and chemical engineering.

—EJ



▲ Arthur Levine



▲ Gordon B. Lankton



▲ Charles and Jacqueline Puliafico

Engineering Advisory Boards Meet Over Luncheon

The departmental and college-wide advisory boards for the Francis College of Engineering held a plenary session over luncheon in Cumnock Hall on April 4, before convening for the individual board meetings.

Dean Krishna Vedula reviewed plans for maintaining positive momentum despite the recent economic downturn.

"UMass Lowell continues to offer the lowest cost, quality education of all state universities in New England," he said.

Vedula praised the efforts of alumni to build endowments that fund scholarships and research

facilities, saying, "You have all seen how these scholarships and faculty efforts have helped us make steady improvements in the College in recent years. Our incoming freshman engineering class is expected to be about 10 percent larger and we are attracting better students. We have shown significant improvement in retention of engineering students as a result of our student-centered activities and student clubs. We have had excellent success with our new initiatives, such as the Senior Executive Forum. And our faculty are increasingly recognized for their world-class research with a real-world emphasis."

LIRA Recruiting for Upcoming Year

The University's Learning in Retirement Association (LIRA), founded in 1988, invites new retirees and those semi-retired to take advantage of its low-cost peer-learning program. Designed to provide active, participatory, cooperative educational and cultural experiences to people from the region, the program is recruiting for the 2002-2003 academic year.

During fall and spring semesters, members organize a broad range of study groups in the arts, social sciences and sciences, using a methodology appropriate to this "third age" population: relevant,

often entertaining, and grounded in the community experience. The program is administered by the members through a committee structure.

Those interested are invited to Fox Hall, 403 to find out about LIRA on April 16, 23, and 30, between noon and 1 p.m. For a description of the program, visit www.uml.edu/Dept/comm.service/LIRA/index.html. For more information, contact Mark Levine, Mark_Levine@uml.edu, Don Patterson, LIRA@juno.com, or Eleanor Belanger, membership chairperson, AndElle41@aol.com.

New \$15-Million, 65,000-Square-Foot Campus Center to Open in September

The countdown is now at five months and ticking for the opening of what may be the most popular and life-enhancing campus addition in years.

Tuesday, September 3, the first day of classes of the 2002-03 school year, will also be Opening Day for the new UMass Lowell Campus Center, the \$15-million, 65,000-square-foot recreational-sports complex adjacent to Fox Hall.

"It's going to be pretty exciting," says Rec Sports Director Brad Navis, who has served as chairman of the committee for the Center's opening. "We're talking about a facility that will touch the lives of every physically-active student on campus. It's a real quality-of-life upgrade for everyone involved."

The Center, whose construction is scheduled to be completed by the end of May—the summer will be spent moving in—will include



▲ The new two-level UMass Lowell Campus Center, to open next fall, will make maximum use of light through its abundance of mirrored walls.

with every inch of wall space being either a mirror or window, so that "there's lots of light everywhere, and a really wonderful sense of space..."

"It's probably not much larger, in terms of raw footage, than what we have now [Costello Gym]," he says. "But it's just so much more efficient, so much more functional, in terms of its use of space."

For recreational athletes and gym-users, there will no longer be the need—as there has been in the past—to compete for floor space and court-time with the University's varsity athletes, for whom Costello Gym will now be a dedicated training facility. For varsity team-players, this will result in both less-crowded training spaces in the old

gym and a separate, recreational facility in the new.

As an outgrowth of the new space to be devoted to recreational racquetball, basketball and squash, a full-time staff will now run the University's intramural and "club" sports programs; the number of student jobs will more than double, from about 70 today to as many as 200 when all gym programs are fully in place.

"It's a win-win proposition," Navis says, "for the whole campus community. This is a situation where everyone comes out ahead."

The gym was roughly three years in design and 18 months in construction.

—GD



▲ The new UMass Lowell Campus Center, to open next fall, has been under construction for nearly two years at a cost of \$15 million.

three basketball courts, two racquetball courts, one squash court, two fully-equipped locker rooms, a 6,500-square-foot twin-level workout area complete with mirrored walls and an eight-speaker sound system, and a one-eighth-mile indoor running track, the only indoor track on campus.

The gym area alone, Navis says, will include 50 cardio machines, 12 treadmills, 16 stationary bikes, a full line of exercise equipment and free weights, and a fully separate stretching area—

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Online M.Ed. Success Due to Careful Planning, Outstanding Faculty

CSCE provides the administration, counseling and advising for the program—which presents its own challenges. While it is exciting to have students from other states participating in the program, CSCE staff and GSE faculty have had to learn about different certification requirements for those states and communicate via phone and e-mail. Problems with issues such as these have been minimal for the new program, likely as a result of careful planning and GSE's strong reputation.

"Don has some of his best faculty teaching in the program," said Moloney of CSCE. "Many faculty have their own following and reputation."

For example, Prof. Emeritus Bob Gower, who coauthored "The Skillful Teacher" and is nationally renowned, is teaching the "Principles of Supervision" this semester. Moloney and Pierson also credit

the faculty with working hard to learn the technology and adapt their courses for an online format.

"The faculty have done a lot with technology and were able to get on board pretty fast. The leap to online, from two-way TV, was not a big leap for them," Moloney said.

Another piece of this success story is the strong marketing strategy, including advertising, direct mail and media relations. A full-page ad was placed in Education Week, a trade publication for teachers, and Moloney feels it paid off in terms of exposure.

Pierson sees the master's in educational administration as their primary online niche for now, though some electives will continue to be added. Additionally, he envisions science and math courses being made available for aspiring and experienced teachers.

—EHK

Volunteers Needed for North Campus Riverbank Cleanup on May 4

Volunteers are needed for a riverbank cleanup targeting the area on the North Campus side of University Avenue Bridge. On Saturday, May 4, 9 a.m. to noon, a team from the University will remove litter and brush adjacent to the bridge. Other teams of community volunteers will fan out along the north bank of the Merrimack. The activity will coincide with the "Great American Cleanup," sponsored by Keep American Beautiful (KAB), a national organization.

This is the start of an ambitious effort to beautify and improve the land from the Cox Bridge at Bridge Street in Centralville to the O'Donnell Bridge at Mammoth Road in Pawtucketville. A kick-off ceremony with a tree planting in Centralville is set for Arbor Day, April 26. During the summer, the Spindle City Corps, an Americorps organization, will continue the cleanup on the land between the bridges. The Department of Public Works and Keep Lowell Beautiful, the local KAB affiliate, will handle removal of large debris and graffiti.

The long-term goal is to establish a walking and riding path on the lower section of the north bank that will mirror the Riverwalk on the

south bank and link up with the Vandenberg Esplanade and Sheehy Park on the upper section of the north and south banks respectively. The result will be a pedestrian loop linking the campus, downtown, and riverside neighborhoods.

The University is participating in this citywide effort in cooperation with the City Manager's Office, Lowell Parks and Conservation Trust, Keep Lowell Beautiful, Lowell Plan Inc., Mass. Highway Department, Spindle City Corps, and neighborhood groups in Pawtucketville and Centralville.

Volunteers should dress appropriately, with long sleeved shirts, long pants, and boots or heavy shoes, and bring heavy-duty gloves if available. The organizing committee will distribute a limited number of gloves. To volunteer or obtain more information, please contact Paul Marion, assistant director for Community Relations, at ext. 3107.

Dickens Conference Was the Best of Times

More than 150 people participated in the international Dickens and America Conference and Festival at UMass Lowell earlier this month and hundreds more attended numerous related public events held throughout the city.

The response seemed unanimous. "This is positively one of the best Dickens conferences I've been to (and I've been a kind of "Dickens Junkie" for twenty years)," one attendee wrote on an evaluation. "The thing that made it outstanding was the interdisciplinary organization."

Another remarked, "I thought there was just the right mix of panels, workshops, tours and performances. One could be as scholarly, or not, as one chose. The much remarked upon cooperation of various Lowell communities proved to be real and not just P.R. I was impressed."



▲ Asst. Prof. Diana Archibald, coordinator of the Dickens and America Conference and Festival, appears with Gerald Charles Dickens at Lowell High School. Dickens, the great-great-grandson of the British author, performed at the school for students and conference attendees.

Asst. Prof. Diana Archibald of the English Department, the conference coordinator, decided to hold the event now to commemorate the 160th anniversary of the visit of Charles Dickens to the city of Lowell in early 1842. Dickens wrote glowingly of his visit in his "American Notes," according to Archibald.

One special aspect of the conference was the presence of Gerald Charles Dickens, the writer's great-great-grandson and a world-renowned actor in his own right. Nearly 1,000 people enjoyed the two public performances by Gerald Dickens during the conference. He also performed twice for students at Lowell High School.

"Charles Dickens was the British champion of the American dream," Dickens told his audience at the performance of "The Republic of My Imagination." This world-premiere performance was a "factitious" account of the elder Dickens' visit to the states.

"The funniest question I ever received," Dickens recalls, "was whether or not I ever met Charles Dickens. I know I look old, but not that old." The author died nearly 100 years before Gerald Dickens' birth.

Other conference events included a Dickens Walking Tour presented by the Lowell National Historical Park, a Victorian Tea at the Nesmith House and an exhibit of first edition illustrations at the Whistler House Museum. UMass Lowell's own Off-Broadway Players added to the festivities by presenting two weekends of "The Mystery of Edwin Drood," a play based on Dickens' final novel.

Archibald also held a fund-raiser for the new Charles Dickens Scholar-



▲ Gerald Charles Dickens chats with conference attendees following his performance of "A Child's Journey with Dickens" at Lowell High School. Dickens appeared as part of the Dickens and America Conference and Festival, commemorating the 160th anniversary of Charles Dickens visit to the city.

ship fund available to English majors at the University. It raised more than \$10,000.

Dean Nancy Kleniewski of the College of Arts and Sciences said the conference was a real success. She described the blend of scholarly presentations with various events at the national park and other Lowell cultural institutions as a nice landmark.

"It was very inventive," Kleniewski remarked, "how the conference linked history, literature and society, and the collaboration between the University and the Lowell Park was really impressive to everyone."

Based on the response to all the festivities, the Dickens and America Conference and Festival was, as one attendee noted, "simply excellent!"

—RS

Graduate School of Education Maintains Exceptional Pass Rate for Teacher Test

Those who have completed the Graduate School of Education (GSE) master's degree program earned a 97 percent pass rate, which is 10 percent higher than the statewide average, on the 2000-2001 Massachusetts Test for Educator Licensure. All 34 test takers passed the Communications and Literacy Skills tests. The majority of the test takers also took the Elementary Education content area test, with a 95 percent pass rate.

"The continuing positive results our students are achieving is a testament to the types of students we enroll and the solid curriculum developed by our faculty," said Donald Pierson, dean of the Graduate School of Education.

Pierson noted that the number of UMass Lowell students who take the test has declined due to alternative routes to certification for prospective teachers, including the Massachusetts Institute for New Teachers (MINT) Program, in which the GSE participates.

Housing Survey of Greater Lowell Released

Since 1995, the average purchase price for a one-family home in Lowell rose by nearly 85 percent to \$159,900. Condominiums leapt from \$22,000 to \$87,400, an astounding 397 percent. Similar jumps were experienced in the surrounding communities, according to the recently-released report, "Meeting Lowell's Housing Needs: A Comprehensive Look," compiled by the Center for Family, Work and Community (CFWC).

The story in rental units is no brighter. With a mere one percent vacancy rate for Lowell apartments, rents have also risen precipitously. In Lowell's Acre neighborhood, for example, a two-bedroom apartment rose 77 percent to \$835 from 1995 to 2001. Regionally, a two-bedroom goes for \$1,322 a month. Yet, the demand for rental housing is expected to outstrip supply by more than 2,200 units by 2004.

The situation puts a particular squeeze on Massachusetts residents seeking affordable housing, as prices and rents grow faster than personal income in the state. About 46 percent of renters in Massachusetts are unable to pay Fair Market Rent for a two-bedroom unit. A minimum wage worker would have to work 110 hours a week to afford one.

"Most people reported feeling they had little control over housing decisions," says the report.

Many also had the impression that the problem is more acute in the Merrimack Valley than elsewhere. Indeed, the National Association of Home Builders rates Lowell as one of the least affordable Primary Metropolitan Statistical Areas in the country, ranking 179 out of 186.

The report recommends numerous ways of dealing with the housing issue, from offering tax incentives to

developers to the creation of "urban villages" characterized by mixed-use zoning districts. The CFWC will host an event on May 7 to discuss the recommendations with community leaders.

Prof. Linda Silka of the Regional Economic and Social Development Department and Co-director of the CFWC, served as principal investigator of the Housing Study. David Turcotte, also with the CFWC, was the program manager.

For more information, contact Prof. Silka, (978) 934-4677.



▲ RESD graduates Brian Twomey, left, and Shawn Barry, not shown, provided much of the research support for the CFWC housing study. Project Manager David Turcotte, right, and Principal Investigator Linda Silka co-authored the report.

Far-Out Ideas are Everyday Fare for Director of DARPA

Dr. Anthony Tether, director of the Defense Advanced Research Projects Agency (DARPA) visited the UMass Lowell campus last month for tours and briefings with researchers and to speak to more than 150 defense industry executives at a noon luncheon. DARPA is the principal agency within the Department of Defense for research, development and demonstration of concepts, devices and systems that provide highly advanced military capabilities.

Tether visited the campus at the request of U.S. Rep. Marty Meehan, the ranking member of the Research and Development Subcommittee of the House Armed Services Committee and a UMass Lowell alumnus.

The luncheon was co-sponsored by the UMass Lowell Research Foundation and the Yankee Chapter of the National Defense Industry Association.

In his luncheon remarks, Tether commended the levels of research in the state, noting that UMass ranks 10th in DARPA funding. He described the rather loose organizational structure ("DARPA is 250 program managers held together by a common travel agent.") and encouraged faculty to consider stints as program managers.

DARPA dispenses a \$5 billion annual budget to bring "far out" ideas, the projects that no other agency will fund, into reality and test their feasibility. As accomplishments,

DARPA takes credit for the Saturn rocket, M-16 rifle and the Global Hawk, as well as early stage development of nearly every defense system in use.

Tether concluded with an outline of future capabilities DARPA is encouraging, from characterization of underground structures, such as enemy caves, to enhancing human capabilities through biomolecular tools.



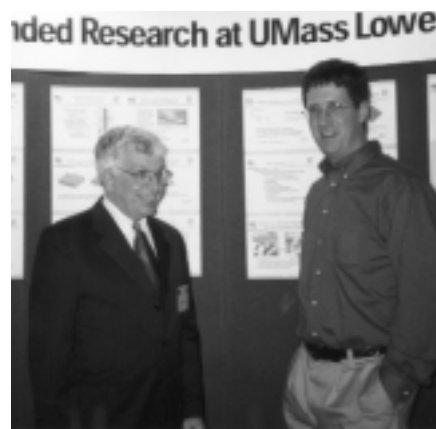
▲ Mechanical Engineering Profs. James Sherwood and Julie Chen talk with a member of the Yankee Chapter of the National Defense Industry Association (NDIA), co-sponsors of the luncheon. More than 150 industry executives attended.



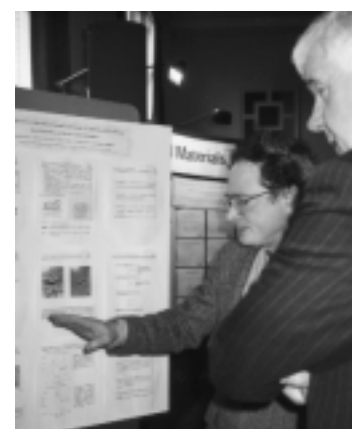
▲ UMass Lowell Chemistry Prof. James Whitten, front, demonstrates the workings of a University surface analysis machine to, from left, UMass Lowell Chancellor William Hogan; Dr. Anthony Tether, director of the Defense Advanced Research Projects Agency (DARPA); and U.S. Rep. Marty Meehan.



▲ Chemistry Prof. Arthur Watterson, center, checks out the latest research findings of Biology Prof. Thomas Shea, left, on Alzheimer's disease, and Civil and Environmental Engineering Assoc. Prof. Pradeep Kurup's research on a biosensor probe. UMass Lowell faculty lined the walls of Cumnock Hall with research posters.



▲ Physics Prof. Jerry Waldman, left, director of the Submillimeter Wave Technology Lab (STL), and STL Senior Scientist Andy Gatesman, look over the DARPA-funded research that is a joint project of researchers in the Photonics Center, directed by Physics Prof. William Goodhue, and researchers at Hanscom Air Force Base to develop low energy demand substrates for advanced electronics devices.



▲ Physics Prof. Jayant Kumar, left, director of the Center for Advanced Materials, describes research results to an industry visitor. One major activity in the Center is a Multidisciplinary University Research Initiative project of the Office of Naval Research to create macromolecular structures with useful optical properties.

New Exhibit, 'Pop Mythologies,' Shows a Confluence of Influences

A new exhibit by Lowell Tech graduate Ed Adler, titled "Pop Mythologies"—invoking pulp-western-inspired cowboys, traditional heroism, and (since September 11th) pastoral landscapes in a new series the artist has dubbed "Looking for Shangri-La"—will be showing at the University Gallery April 17 through May 8.

Adler, a native New Yorker, has had studios in Greenwich Village, Soho, and currently Tribeca, and has exhibited continually since 1967. His work has been shown at the Metropolitan Museum of Art, the Smithsonian, the Brooklyn Museum, the Los Angeles County Museum, and Sotheby's. He is currently exhibiting in Toronto, and will have his second one-man show in Paris this June.

When he graduated from Lowell Tech in 1956, his aspirations were toward industrial design. Two years later, with the Army behind him and the GI Bill oiling his way, he juggled a day-job at a mill in Yonkers with a graduate art program at New York University. The result was a 40-year career that has been described by at least one recent critic as "neo-figurative based on Pop."

Adler's self-description is more basic than that. "It's about our right to remain children," he says.

"Pop Mythologies" will open with a reception April 10, from 2 to 4 p.m.

The University Gallery is on the first floor of the McGauvran Student Center on the South Campus.



Nursing Students Teach Hand-washing to Tewksbury Children

▲ Throughout the month of February, nursing students from the College of Health Professions visited after-school programs in Tewksbury to teach children how to properly wash their hands. Participating students included, from left, Dawn Summerville, Paula Gil, Steven Gil, Prof. Patricia Ottani, Jennifer Nelson, Melissa Mancuso, Jose Mercado, Serana Spaulding, Jeff Twyon, Urvi Modi, and Danielle Roy.

Career Week Designed to Help Students in Job Hunt

As the end of the semester approaches, students' attention — especially of those about to graduate — turns to job hunting. The Office of Career Services, with the sponsorship of Raytheon and Sprint PCS, organized Career Week to help them with that effort.

During the week of April 1, more than 400 students participated in a busy schedule of panel discussions and workshops. Career Services staff set up drop-in information centers around campus and hosted a practice interview day. Alumni panel discussions focused on career opportunities in electrical engineering; marketing, finance, accounting and human resources; engineering, technology, and science; media and arts; and law enforcement, social services, education and federal agencies. Students were invited to special presentations to learn about internet job search strategies and how to "Make your Resume Rock."

"Judging by the number of participants the events attracted, the timing of Career Week was good for students," said Kristen Rhyner, associate director of Career Services. "We had a good turnout at our career panels, and wonderful support throughout the week from faculty, staff, alumni, and area employers."



▲ Alumnus James Regan, vice president of Digital Credit Union, met with interested students after participating in a panel discussion on careers in marketing, finance, accounting and human resources held April 2 at Alumni Hall.



▲ Clothes provided by T.J. Maxx of Tyngsboro and the Casual Corner Group were highlighted in a Career Fashion Show. Student models included, from left, Matthew Morand, Pha Choeun, Sherly Vasquez, Amanda Van Horn, Laura Bennett, Kathleen Spadea, Career Services Recruiting Coordinator Clair Hoffman, Dustin Maciver, Sang Nguyen and Eyal Leib.

New Community Web Site Crosses the Starting Line April 19

April 19 marks the launch of a new Web site, www.abetterlowell.org, that will connect the public to a raft of organizations, agencies, and groups that serve the Greater Lowell community. The University will act as the host server for the site, and it will be part of UML's Ecommunity.

The site, a spin-off of an idea initiated in the UMass Lowell Community Social Psychology Program, is designed to provide one stop, community-building

information and resources. Visitors will find helpful tools such as links to specific community building tools, technical assistance, community calendars, job postings, and the opportunity for community members and leaders to ask questions and interact with each other.

The community is invited to provide input. For information, contact Courtney Shull, 978-455-0073 or Courte711@aol.com, or Prof. Bill Berkowitz, psychology, at Bill_Berkowitz@uml.edu.

Forum Calls for Days Without Violence

The University's "Days Without Violence" observance was expanded from one to two days this year. It included a range of activities, from a talk-show spoof on toxic waste to panel discussions on the U.S.-led war on terrorism.

Joseph Gerson of the American Friends Service Committee, speaking to an audience of 75 students and faculty, began by role-playing Vice President Dick Cheney describing what we should expect from the war on terrorism.

"This will be an effort that will last through our administration, and indeed, through your lifetime," "Cheney" warned.

Gerson then admitted that, in the time allowed, he only had time to "point and grunt" at elements of administration policy. However, he did make several claims regarding the events of 9-11 for consideration. In particular, he said the attacks should be properly viewed as a massive crime against humanity, not an act of war. A military response, he said, would only feed the cycle of violence.



▲ Khan Chao of the Center for Family, Work and Community, foreground, prepares with members of the River Ambassadors Youth Group for their performance of a talk-show spoof, "The E.J. Springer Show," during the Days Without Violence forum. The show focused on the 1970's contamination dumping in Niagara Falls, N.Y.

The speaker also asked that people recognize that the targets were deliberate choices, representing wealth and military might of the West. He said that half the world's population survives on no more than \$2 per day, and that the U.S. has worked to maintain this "disparity of



▲ Joseph Gerson, right, of the American Friends Service Committee discusses the U.S. war on terrorism with Prof. Steve Clinkenbeard, political science. Gerson was a guest speaker during the University's Seventh Annual Days Without Violence observances.

relations." As a result, we engage in more military spending than all of our allies and adversaries combined, according to Gerson. This has led to serious resentment and vitriol, especially in the Middle East.

On the subject on the Israeli-Palestinian conflict, Gerson, himself a Jew, spoke out against the current actions of Israel's defense force, and he called on the U.S. to take a strong stand against it.

"I grew up in a time," Gerson said, "when we asked why didn't more people speak out against the actions of Germany during the Second World War. Today, many people in the world are asking the same things of us."

The River Ambassadors Youth Group performed "The E.J. Springer Show," a talk-show spoof focusing on the 1970's contamination of the Love Canal in Niagara Falls, N.Y., employing eye-witness accounts and testimony. The River Ambassadors Program is an environmentally-focused youth organization coordinated by the University's Center for Family, Work and Community.

Days Without Violence is a national program coordinated by Peace Studies Associations to coincide with the anniversary of the death of Dr. Martin Luther King Jr. Campus events were co-sponsored by the Peace and Conflict Studies Institute, The Center for Diversity & Pluralism, Office of Community Service, and the Regional Economic & Social Development and Sociology departments.

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UMass Lowell Writer Nominated for National Magazine Award

Tapped to stand alongside writers from the New Yorker, Time, Atlantic Monthly and Fortune, publications office senior writer Geoffrey Douglas is a finalist for America's most prestigious magazine writing award.

Douglas' story "A Question of Life and Death," in the September, 2001 issue of Yankee magazine is one of five finalists for the American Society of Magazine Editors' (ASME) National Magazine Award in the category of reporting. The story traces three weeks in the life of a baby born with devastating handicaps, and the ethical questions facing his parents and the doctors and nurses in charge of his care. To research the story, Douglas spent months in offices and conference rooms at Boston Children's Hospital, where the ultimate question loomed as to how far the doctors should go to keep the child alive.

Douglas writes regularly for Yankee, and has in the past written for Esquire, The Village Voice and Boston. He has also published three books: "Dead Opposite," "The Game of the Their Lives," and "Class: The Wrecking of An American Family."

He has been writing for the Shuttle and the alumni magazine since 1998.

The other finalists in the reporting category are: The Atlantic Monthly: Michael Kelly, editor, for "The Crash of EgyptAir 990," by



▲ Publications Office staff writer Geoffrey Douglas is a finalist for a National Magazine Award, the most prestigious honor offered for American magazine journalism.

William Langewiesche, November, 2001; Fortune: Rik Kirkland, managing editor, for "Is Enron Overpriced?," by Bethany McLean, March 5, 2001; The New Yorker: David Remnick, editor, for a series of three articles by Seymour M. Hersh, "What Went Wrong," October 8; "King's Ransom," October 22; "The Iran Game," December 3; Time: James Kelly, managing editor, for "Inside the Battle at Qala-i-Jangi," by Alex Perry, December 10.

The winners will be announced May 1, at an awards ceremony at the Waldorf-Astoria Hotel in New York.

TURI Director's New Book Adopts a Radical Stance in a 'Sweet and Comfortable Way'

When Work Environment Prof. Ken Geiser set out to write his recent book—"Materials Matter: Toward a Sustainable Materials Policy" (MIT Press, 2001)—he knew only that he wanted to write about the hazards of toxic chemicals in the environment, and the need to find alternatives. It was an issue, after all, that lay squarely at the heart of everything his career was about.

"I'd been thinking about doing it for years," says Geiser, director of the UMass Lowell Toxics Use Reduction Institute (TURI) and co-director of the Lowell Center for Sustainable Production. "On some level, I think I was probably waiting for someone else to do it first."

But, somewhere between the book's conception and the final manuscript, a strange thing seems to have happened:

"In the process of working on it, I came to learn that there was more involved than I'd thought: that in addition to the [toxics] being released, the amount of materials we were using was just way, way too much—and that this was at least half of the problem."

Out of this realization grew the book's second principle thesis: the argument for "dematerialization," or the phased reduction of the materials being produced by industrialized nations. This, coupled with his advocacy of "detoxification," is the underlying message of the 317-page book—which, according to the monthly science journal Nature, "should be required reading for industrial designers, materials scientists, chemical engineers and environmental policy-makers everywhere..."

"The fallout from 200 years of industrial creativity [has been] a handful of toxic disasters, a host of minor calamities and a whole spectrum of environmental and health concerns that have, in retrospect, the aura of inevitability," the Nature review continues. "Geiser is unequivocal in arguing that we must do better in the future."

"I tried, in a sort of sweet and comfortable way, to say some radical things," the author acknowledges. "We're going to have to do something about these problems. But I honestly believe we can."

But before that can happen, he says, the U.S.—"the number one obstructionist"—is going to have to get on board.

"I got back not long ago from a [lecture] trip to Thailand and the Philippines. The level of interest there—in most places outside the U.S.—is very high.

There's just much more motion there toward correcting these problems, much more initiative to [cut production and detoxify]. It's this country that's the most backward, the most hostile to the process. Because we reap such huge benefits from the old system, there's a fear of being cut out of the market; we're reluctant to change the way things are done."

In the end, Geiser says, it may take some sort of "call to action"—something on the order of September 11th—for the U.S. to come around.

"That was an example of one incident that can shatter a collective mindset—a secure people who, suddenly, no longer felt secure. I hope it doesn't take something of that magnitude, if there is such a thing, to bring us around. But it's going to take something. We're not going to abandon the old ways easily. It's not going to happen by itself."

In the meantime, he concludes: "It's going to be up to me, and others like me, to show that we can improve things, to show that this can be done."

Does such thinking prefigure a second book?

"Well yes, maybe. I have a couple of related ideas. And it was a wonderful learning experience. I do like writing. I'd like to capitalize on the feedback I've gotten. And I'd like to use this new voice."

—GD



▲ Ken Geiser

Retirement Luncheon Set for May 9

The Annual Retirement Celebration honoring the 2002 UMass Lowell Retirees and Performance Recognition Award Recipients will be held at noon on Thursday May 9 in the Costello Gym on North Campus. A buffet lunch will be offered at \$15 per person.

Make your reservation by sending a check with your name, and the names of any guests, at

\$15 each, to "Retirement Luncheon, Communications and Marketing, Cumnock Hall, North Campus." Checks should be made payable to UMass Lowell. RSVP by May 1.

Please note that admission is by advance reservation only. No tickets will be issued. A prepaid guest list will be maintained at the door.

For questions, call Communications and Marketing at ext. 3224.

Three New Trustees Take Their Places on UMass Board

Three new members, all of them prominent in the Massachusetts business community, have been named by Gov. Jane Swift to join the UMass Board of Trustees.

Dennis G. Austin, director of state government relations for Raytheon; Lawrence Boyle, senior partner of the

Morrison, Mahoney and Miller law firm in Boston; and James J. Karam, president of the Fall River-based First Bristol Corporation, were welcomed by UMass President William M. Bulger and Board Chairwoman Grace K. Fey as the newest members of the 22-person Board. They will replace retir-

ing trustees Daniel E. Bogan, Robert S. Karam and Peter K. Lewenberg.

"We are pleased to be gaining the services of these outstanding civic leaders," President Bulger said in welcoming the trio of new members. "We will benefit from the guidance they will offer in the years ahead."

The 22-member Board includes five student members elected by peers at each of the University's five campuses. Altogether, the Amherst, Boston, Dartmouth, Lowell and Worcester sites, with a total student body of 60,000, comprise the largest university system in New England.

Note Worthy

The American Heart Association (AHA) honored **Prof. Robert Nicolosi** of the Health and Clinical Sciences Department with its Dedication to the Heart Award at the AHA Heart Ball held recently at the Westford Regency.

A long time supporter of the AHA, Nicolosi has served on the local, national, and affiliated boards. He was being recognized in part for his research at UMass Lowell, which focuses on diet and pharmaceutical intervention for people with diabetes, asthma, Alzheimer's, cancer, and coronary heart disease.

At the dinner, Nicolosi's research was also recognized in a state citation presented by Sen. Steven C. Panagiotakos. The UMass system previously honored Nicolosi with a 2001 Excellence in Research Award.

The Professional Development Committee of Massachusetts Women in Public Higher Education (MWPHE) has named **Pauline Ladebauche**, director of Nursing Labs, winner of this year's Professional Development Award.

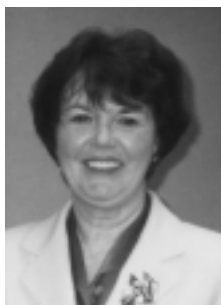
In a letter announcing the selection, Committee Chair Kaori S. Kelts said, "This award reflects MWPHE's commitment to professional development, and we are sure that your project will be professionally and personally rewarding."

Ladebauche will present the BEAT (Breathe Easier Asthma Training) program at the 34th annual conference of the National Association of School Nurses this June in Orlando, Fla. BEAT is a collaborative community outreach program, conducted by UMass Lowell and the Greater Lowell Headstart Program, and funded by the state Department of Public Health.

Dr. Carole LeBlanc, associate director of laboratory services for the Toxics Use Reduction Institute, is the first American woman to complete a Ph.D. program in Sustainable Development and Management at Erasmus University in Rotterdam, the Netherlands. This international program, designed for working professionals, focuses on cleaner production, cleaner products, industrial ecology and sustainability.

LeBlanc was also recently named President-Elect of the New England Institute of Chemists, a division of the American Institute of Chemists, whose mission is "to advance the chemical sciences by establishing high professional standards of practice and to emphasize the professional, ethical, economic, and social status of its members for the benefit of society as a whole."

Janice M. Stecchi, dean of the College of Health Professions, has been selected by the Boston University School of Education Alumni Board to receive a Dean Arthur Herbert Wilde Society Award. The award, which honors alumni for their service to the profession, the community or alma mater, will be presented at a dinner on the BU campus on May 14.



▲ Janice M. Stecchi

Stecchi has been active in the American Cancer Society, serving as chair of the Statewide Service and Rehabilitation Committee and, from 1981 to 1986, on the board of directors of the Massachusetts Division. Since 1982, Stecchi has been active at Saints Memorial Hospital, serving in many positions on the board of directors. In December, she will become the hospital's first president of the board.

A faculty member at the University since 1971, she has been dean since 1992. Since its formation in the mid-1990s, Stecchi has been a member of the joint University-City of Lowell Arena Commission, which was charged with oversight for the construction and operation of the Paul E. Tsongas Arena and the Edward LeLacheur Park. She is the campus representative to the Northeast 10 athletic commission, which oversees athletic programs of 15 colleges in the region, and has published extensively on preparation of nursing candidates for licensing examination.

Stecchi's predecessor as dean of the College of Health Professions, Eleanor Shalhoup, received the Dean Arthur Herbert Wilde Award in 2000.

Promotions Appointments

Appointments

David C. Medich, radiation safety officer in the Radiation Laboratory, from senior physicist at Implant Sciences Corp. in Wakefield.

Adrianna Morris, staff assistant I in Bioinformatics, from program coordinator in Continuing Studies.



Ceremony Honors Student Athletes

▲ Nineteen student athletes—four of whom have maintained 4.0 grade point averages—were honored earlier this month at Coburn Hall in ceremonies hosted by Athletics Director Dana Skinner, center. The four, and their favorite professors, are, from left, Dean Janice Stecchi of the College of Health Professions and Shannon Seidel, women's track; Nursing Prof. Stephanie Chalupka and Amy Silveira, women's crew; Alicia Bogacz, volleyball, with Art Prof. Karen Roehr; and Economics Prof. Ernesto Sanz with Uri Grunwald, basketball.

Casey and Marion Reading for National Poetry Month

In celebration of National Poetry Month, writers Michael Casey '68 and Paul Marion '76, assistant director for Community Relations, will read from their work on Thursday, April 25, at 6:30 p.m. at the UMass Lowell Barnes & Noble Downtown Bookstore, 151 Merrimack Street.

Casey, a physics graduate of Lowell Tech, will read selections from his award-winning book of Vietnam War poems, "Obscenities" (Yale University Press Younger Poets Award, 1972), which has been reissued in the Carnegie Mellon University Press Classic Contemporary Series. His other books are "Millrat," based on his jobs in Merrimack Valley factories, and "Million Dollar Hole," more poems drawing on his military experiences.



An Andover resident, Casey works for the Veterans Administration in Boston and teaches creative writing at Northern Essex Community College. He also edits and publishes The Acre, a literary magazine featuring regional and national poets.

Marion will read new work and selections from his books "French Class" and "Middle Distance," as well as poems from a little-known literary magazine that was published in the city from 1935 to 1943. Marion's work is included in the new anthology, "Line Drives: 100 Contemporary Baseball Poems" (Southern Illinois University Press).

The event is co-sponsored by Barnes & Noble and the Office of Alumni Relations. For more information, call ext. 3107.

Cultural Studies Opens for Business



◀ Prof. Liana Cheney, coordinator of art history, describes the new Cultural Studies Department that was established in late March. Cheney, speaking at the grand opening, says the new department will be interdisciplinary, allowing students to blend their study of art, languages, humanities and sciences. She will be coordinating the department.

Dunn Discusses Her Irish Immigration Research at TIARA Meeting

Mary Lee Dunn, director of Communications in the Work Environment Department, discussed the plight of famine-era immigrants from County Roscommon at a meeting of The Irish Ancestral Research Association (TIARA) at Boston College earlier this month.

Dunn, who also is working toward a master's degree in the Regional Economic and Social Development Department (RESDD), based the presentation on her thesis research.

TIARA is a non-profit organization established to develop and promote Irish genealogical and historical research and education, and is probably the largest such group of Irish researchers in eastern Massachusetts. Its Web site is at <http://tiara.ie>.

Dunn's study focuses on a group of emigrants from the townland of Ballykilcline in Kilglass Parish who engaged in a 12-year rent strike in Ireland. The strike ended when Crown authorities evicted virtually the entire population in 1847 and forcibly emigrated them to America. Dunn has followed dozens of the evictees who went to Rutland, Vt., where some of them worked in the marble quarries.

She also has been organizing the Ballykilcline Society's fourth annual Reunion to be held in Strokestown and Kilglass Parish this summer. The event, which is open to the public, will be held Aug. 1-3. It will feature talks by Kerby Miller, professor of history at the University of Missouri who wrote "Out of Ireland" and "Emigrants and Exiles," and the Rev. Francis Beirne, whose most recent book is "The Diocese of Elphin." Also speaking will be a representative of Ireland's Famine Museum, which is located in Strokestown. The Reunion notice is on the internet at www.leitrim-roscommon.com/Irboard/messages/14199.html. The Ballykilcline Society's Web site is at www.ballykilcline.com. Dunn is co-president of the society.



▲ Mary Lee Dunn

Telecommunications Leader Speaks at Forum

Paul Severino, one of the leaders of the telecommunications boom of the 1990s in Massachusetts, spoke recently at the Senior Executive Forum. The Forum is sponsored jointly by the Francis College of Engineering and the College of Management.

Severino, who calls himself a serial entrepreneur, founded Wellfleet Communications and then chaired Bay Networks, the successor company. He described the environment to be considered when starting a company: the financing, market growth and the competition. He also contrasted the "bubble period" in telecommunications and the current conditions, in which financing is selective, markets are contracting and the big companies are tough competitors.

Severino chairs the Massachusetts Technology Development Corporation and is past chairman of the

Massachusetts Telecommunications Council. He holds an honorary doctorate of humane letters from UMass Lowell.



▲ Management Dean Kathryn Verreault presents a commemorative plaque to Paul Severino, recent speaker in the Senior Executive Forum series.



Honors Program Students Honored

▲ The Honors Fellows Scholarship Endowment Fund, sustained by contributions from the University community, recently recognized service and leadership activities, involvement in the Honors Program, and research activities of six Honors Program participants who have maintained an overall GPA of 3.2. Presentations were made by Laurie Tirado, far left, coordinator of the Honors Program and Advising Services, and Prof. Stephen Pennell, far right, director of the Honors Program. Scholarship recipients included, from the left, Justin Saleski, Renee Duci, Tejal Patel, Maya Presaud-Dubey and Kunal Sampat.



Ph.D. Candidate Wins Nursing Research Award

▲ Ph.D. nursing candidate Heather Butler, left, recently won the prestigious Podium Award at the Annual Scientific Sessions of the Eastern Nursing Research Society. At right is Dr. Cheryl Cox, director of the Ph.D. program in nursing.

WEB UPDATE

Youth Summer Camp Listings Online

Looking for something for your kids to do this summer? UMass Lowell offers a wide range of educational, athletic, and recreational summer camp opportunities for children and teenagers in the region. From Band Camp to Design Camp to eight different kinds of athletic camp, there's something for every interest. Log on to www.uml.edu/summercamps for details or call (978) 934-3224 to have information mailed to you.

Wolfe Talks Politics—And Religion



▲ Dr. Alan Wolfe, professor of political science at Boston College and director of its Boisi Center for Religion and American Public Life, addresses an audience of more than 50 at O'Leary Auditorium on the impact of religion on American politics. He is the author of "One Nation After All" and "Moral Freedom." The seminar was presented by the Department of Political Science.

Calendar of Events

Wednesday, April 17

Baseball, vs. Bentley College, 6 p.m., LeLacheur Park. For information, call (978) 934-HAWK.

Concert, UMass Lowell Percussion Ensemble, 7:30 p.m., Fisher Recital Hall. For information, call the Music Dept. at ext. 3850.

Thursday, April 18

Softball, vs. Stonehill College, 3:30 p.m., Riverview Field. For information, call (978) 934-HAWK.

Friday, April 19

Baseball, vs. Stonehill College, 3:30 p.m., LeLacheur Park. For information, call (978) 934-HAWK.

Sunday, April 21

Baseball, vs. Stonehill College, 1 p.m., LeLacheur Park. For information, call (978) 934-HAWK.

Monday, April 22

Lecture, "Last Lecture" by Claire Chamberlain, professor of physical therapy, noon to 1 p.m., McGauvran 410. For information, call the Campus Ministry, ext. 4013.

Concert, UMass Lowell Classical Guitar Ensemble, 7:30 p.m., Fisher Recital Hall. For information, call the Music Dept. at ext. 3850.

Lecture, Kristine Stotz Langdon, former CEO of Thermo Vision Corporation and a consultant for Spencer Stuart, 1 p.m., Kitson 309. The lecture is part of the Senior Executive Forum, sponsored by the Francis College of Engineering and the College of Management. For information, call the College of Management at ext. 2850.

Tuesday, April 23

Performance, STARTS Educational Field Trip Series, "Time After Time," grades 4-6, 9:30 a.m. and 11:30 a.m., Durgin Hall, South Campus.

Baseball, vs. Bentley College, 6 p.m., LeLacheur Park. For information, call (978) 934-HAWK.

Softball, vs. Franklin Pierce, 3:30 p.m., Riverview Field. For information, call (978) 934-HAWK.

Training, 24-hour emergency responder, 8 a.m. to 5 p.m., Wannalancit Mill. Continues through April 25. For more information or to register, call ext. 3257. Sponsored by the New England Consortium.

Concert, UMass Lowell Studio Orchestra, 7:30 p.m., Durgin Concert Hall. For information, call the Music Dept. at ext. 3850.

Wednesday, April 24

Technology Fair, 10:30 a.m. to 1:30 p.m., Cumnock Auditorium. Sponsored by Teaching with Technology Task Force of the Centers for Learning. For information, call ext. 2936.

Thursday, April 25

Softball, vs. Merrimack, 3:30 p.m., Riverview Field. For information, call (978) 934-HAWK.

Symposium, Third Annual Excellence in Research Day, with student research symposium and special events for faculty, 11 a.m. to 5 p.m., Alumni Hall. Sponsored by the Research Foundation and the Council on Teaching, Learning and Research as Scholarship.

Saturday, April 27

Baseball, vs. St. Anselm, 1 p.m., LeLacheur Park. For information, call (978) 934-HAWK.

Sunday, April 28

Concert, James Doran, guitar, 4 p.m., Fisher Recital Hall. For information, call the Music Dept. at ext. 3850.

Monday, April 29

Concert, UMass Lowell Mixed Chamber Ensemble, 7:30 p.m., Fisher Recital Hall. For information, call the Music Dept. at ext. 3850.

Tuesday, April 30

Performance, STARTS Educational Field Trip Series, "Charlotte's Web," grades K-3, 9:30 a.m. and 11:30 a.m., Durgin Hall, South Campus. For information, call the Center for the Arts, ext. 4452.

Softball, vs. St. Anselm, 3:30 p.m., Riverview Field. For information, call (978) 934-HAWK.

Wednesday, May 1

Concert, UMass Lowell Concert Band, 7:30 p.m., Durgin Concert Hall. For information, call the Music Dept. at ext. 3850.

Concert, UMass Lowell Jazz Lab, 7:30 p.m., Fisher Recital Hall. For information, call the Music Dept. at ext. 3850.

Thursday, May 2

Softball, vs. Dartmouth, 3 p.m., Riverview Field. For information, call (978) 934-HAWK.

Conference, Second Annual UMass Bioinformatics Conference, MIL Conference Room at Wannalancit Mill, continues through May 3. For information or to register, go to www.cs.uml.edu/bioinformatics/2002conference, or call Prof. James Lyons-Weiler at ext. 2874.

Concert, UMass Lowell Chamber Orchestra, 7:30 p.m., Durgin Concert Hall. For information, call the Music Dept. at ext. 3850.

Dinner, Engineering Alumni Awards Dinner, Radisson Hotel in Chelmsford. Dinner is \$35 per person. To make reservations or for information, call Pamela Jahngen-Provencal at ext. 2751.

Friday, May 3

Conference, Second Annual UMass Bioinformatics Conference, MIL Conference Room at Wannalancit Mill. For information or to register, go to www.cs.uml.edu/bioinformatics/2002conference, or call Prof. James Lyons-Weiler at ext. 2874.

Saturday, May 4

Baseball, vs. New Haven, 2 p.m., LeLacheur Park. For information, call (978) 934-HAWK.

Sunday, May 5

Performance, Discovery Series, "The Alice in Wonderland Follies," a one-hour ballet, best for grades 1-4, 2 and 4:30 p.m., Durgin Hall, South Campus. Tickets: \$9, group discounts available. For information, call the Center for the Arts, (978) 934-4452.

Monday, May 6

Performance, STARTS Educational Field Trip Series, "Alice in Wonderland Follies" best for grades 1-4, 9:30 a.m. and 11:30 a.m., Durgin Hall, South Campus. For information, call the Center for the Arts, ext. 4452.

Concert, UMass Lowell Wind Ensemble, 7:30 p.m., Durgin Concert Hall. For information, call the Music Dept. at ext. 3850.

Concert, UMass Lowell Performance Ensemble, 7:30 p.m., Fisher Recital Hall. For information, call the Music Dept. at ext. 3850.

Tuesday, May 7

Concert, UMass Lowell Small Jazz Ensemble, 7:30 p.m., Durgin Concert Hall. For information, call the Music Dept. at ext. 3850.

Did you know...

That 784 International students attend UMass Lowell, including 166 undergrads and 618 grads?

For Extra Credit...

Which student has traveled the farthest to attend UML? Australian native Anne Whittaker probably travels the farthest, trekking more than 10,000 miles to study mathematics.



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